



pcsforpeople



PCs for People: Connecting for Good Program

**De Graff/Riverside School District –
WISP Project**

March 31, 2021



**CONNECTING
FOR GOOD**

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Our Truck

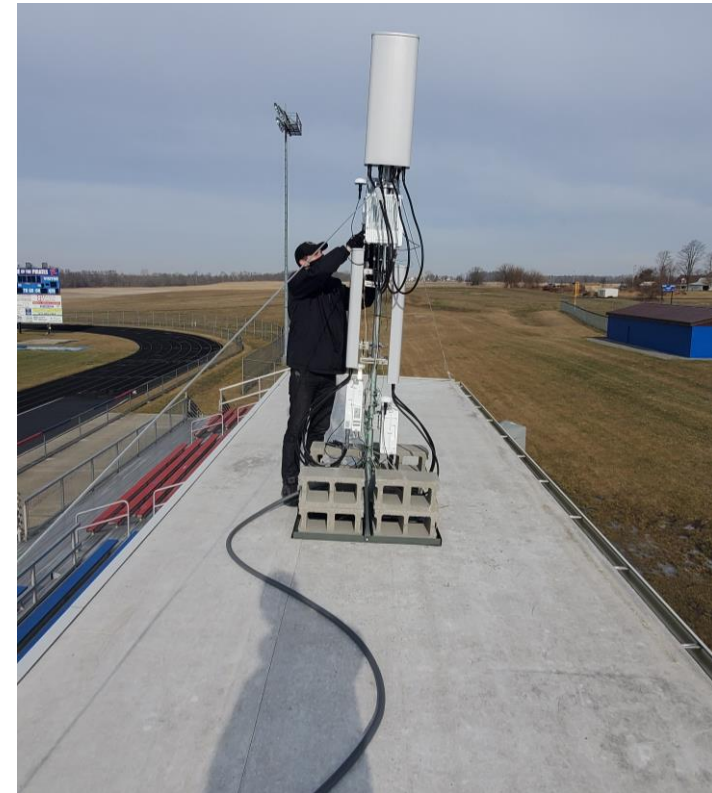
Demand for Low Cost Tech



Fixed Wireless Model

Private, Small Cell, 4G LTE Wireless Network,
on the Citizens Broadband Radio Service (CBRS) Band

- CBRS Overview: 3.55 – 3.70 Wireless Spectrum, Historically reserved for military and government use, primarily Navy radar and communication; 2020 spectrum opened up for sharing, allowing tiered access for a variety of users.
- PC4P 4G LTE network: capable of download speed up to 120Mbps (Each household setup for 50/10 Mbps)
- \$15 per month for Unlimited Data



DeGraff Football Field

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System Overview

- OARnet Network: broadcast site wired directly to State's fiber backhaul network.
- Three Towers:
 - One fiber connected tower with 4 antennas, base stations on stadium press box
 - Two relay towers in nearby farm and cemetery.
- In-home/Indoor Modem with SIM card for plugin, 4G LTE wireless connection.



OARnet

An OH·TECH Consortium Member



200+ Homes Per Tower



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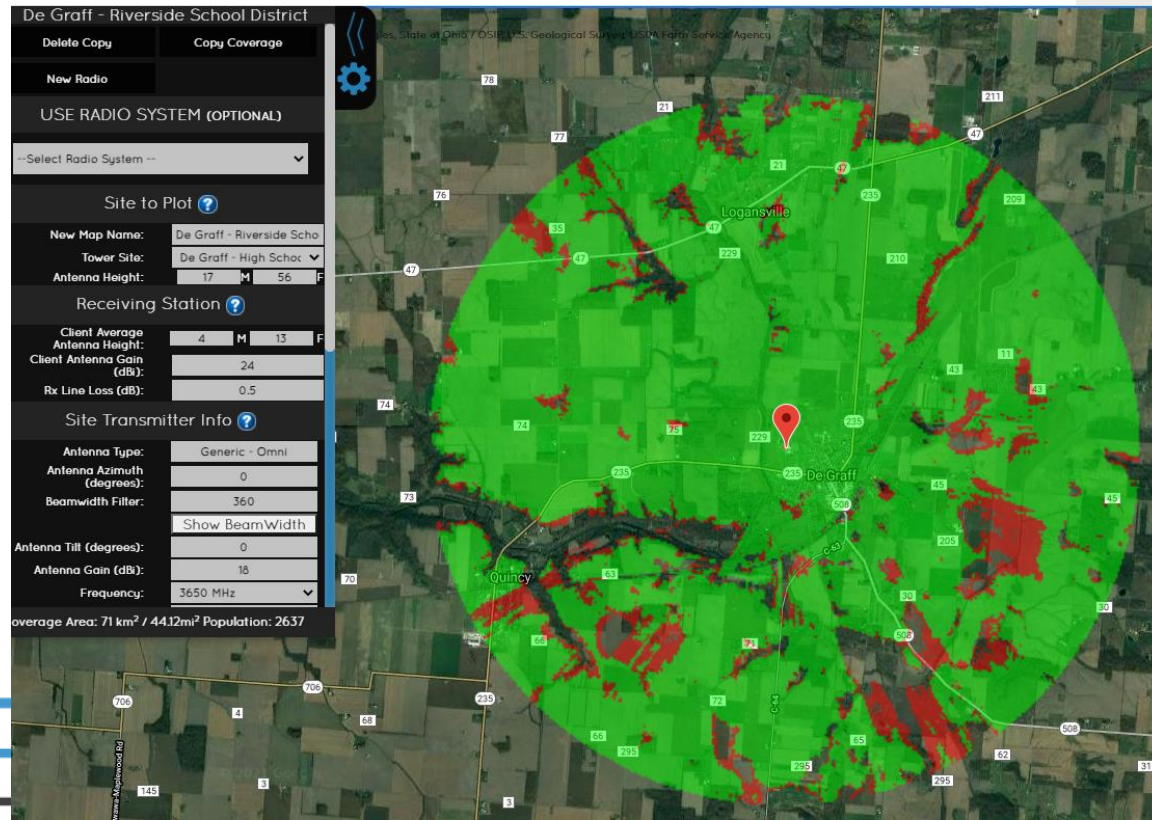


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Interested in Partnering?

Services

- Rural and Urban LTE
- Multi-Unit Apartment connectivity
- Hotspots
- Computers: Desktops, Laptops
- Digital Literacy

Contact

partner@pcsforpeople.org



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